| Electronic Patent Application Fee Transmittal |   |          |          |        |                         |  |  |
|---|---|----------|----------|--------|-------------------------|--|--|
| Application Number:                           | 10  | 10734354 |          |        |                         |  |  |
| Filing Date:                                  | 12-Dec-2003   |          |          |        |                         |  |  |
| Title of Invention:                           | SEMICONDUCTOR DEVICE HAVING TRENCH ISOLATION LAYER AND A METHOD OF FORMING THE SAME |          |          |        |                         |  |  |
| First Named Inventor/Applicant Name:          | Jin-Hwa Heo   |          |          |        |                         |  |  |
| Filer:  | Frank Chau  |          |          |        |                         |  |  |
| Attorney Docket Number:                       | 8836-140 DIV (IE 10178-US   |          |          |        |                         |  |  |
| Filed as Large Entity                         |   |          |          |        |                         |  |  |
| Utility Filing Fees                           |   |          |          |        |                         |  |  |
| Description                                   |   | Fee Code | Quantity | Amount | Sub-Total in<br>USD(\$) |  |  |
| Basic Filing:                                 |   |          |          |        |                         |  |  |
| Pages:  |   |          |          |        |                         |  |  |
| Claims:                                       |   |          |          |        |                         |  |  |
| Miscellaneous-Filing:                         |   |          |          |        |                         |  |  |
| Petition:                                     |   |          |          |        |                         |  |  |
| Patent-Appeals-and-Interference:              |   |          |          |        |                         |  |  |
| Post-Allowance-and-Post-Issuance:             |   |          |          |        |                         |  |  |
| Utility Appl Issue fee                        |   | 1501     | 1        | 1440   | 1440                    |  |  |

Publ. Fee- early, voluntary, or normal

| Description                       | Fee Code | Quantity          | Amount | Sub-Total in<br>USD(\$) |  |
|-----------------------------------|----------|-------------------|--------|-------------------------|--|
| Extension-of-Time:                |          |                   |        |                         |  |
| Miscellaneous:                    |          |                   |        |                         |  |
| Printed copy of patent - no color | 8001     | 2                 | 3      | 6                       |  |
|                                   | Tota     | Total in USD (\$) |        |                         |  |